SBR No.12/1H-15
DATED 26-5-1H

EE/ELE/Y/BR No.12/1H-15

Original/Duplicate/ Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. Date.....2010 Dt 26-5-1H

Division: **Electricals** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Job Code** -*005-013-000090*

Schedule Docket No. Head of Account : **P1517-Upgradation of Street lighting of Bangalore Major Roads**

D.R.No. :

Name of Work: *Providing Aerial Bunch Cable and additional Street lighting to major roads by using released tubular poles to Byatarayanpura Constituency area in Ward No-5 to 11*

Name of Contractor and Full Address:*M/S. Sri Lakshmi Vardaraja Electrical Stores*

Reference to Agreement No.EE/Elect/YZ/WO/ 24 /2013-14 Date:22.01.2014

Certified that the measurements were taken by me on 26-5-14 and recorded of Pages 12623 to 12627 of measurement Book No. 1217 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 26-5-14 ..and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer (Ele)
BBMP, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	BILL	532545=00
2) Deduct amount to be held in reserve being .....percent Rs.....		
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	Amount	
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.		
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		

IT 1%	5325=00
VAT 4%	21302=00
FSD 5%	26627=00
LWC 1%	5325=00
CBFO.1%	533=00
Fine	1800=00
Total deduction =	60,912=00
Cheque	4,71,633=00

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness
1.
2.
Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Stamp

Initials of Officer making payment

Executive Engineer

Sl. No.	Description of item	Unit
1	Fabricating supplying and and mounting MS box made out ..... SWG suitable for floor/ wall mounting , fully weather proof with provision for better heat dissipation, provided with hinged fron cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., compleate , b) 16SWG,	Sqcm
2	Supplying and fixing Microprocessor based Astronomical timer switch with using necessary bolts, nuts and washers etc.,	Each
3	Supplying and fixing of 4 pole power contactor with NO/ NC contacts on existing wood/panel board using necessary bolts,nuts,washers and wiring etc,complete.with AC-3 rating as per IS-13947,c) 60-70 Amps ,	Each
4	Supplying and fixing Miniature circuit breakers over the existing MCB distribution boards using necessary fixing materials and 'C' type curve,indicator On/OFF Energy cross -3 with short circuit breaking capacity of 10K and complete wiring as required. Make: ABB, Seimens, Legrand, L&T, MG f) 40-63 Amps TPN 1) Group 'A'	Each
5	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring thermal Magnetci Microprocessed release and Earth Fault as per IS-13947. (Icu=Ics)THREE POLE a) 100 Amps 25 kA,1) Group 'A'	Each
6	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts bolts and washer etc, complete c) 63 Amps	Each
7	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc d. 35 Sqmm	Each
8	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	Rmtr
9	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Class I. Class 'A' PVC Cable d) 4 core 16sqmm	Per Mtr
	f) 3.5 core 35sqmm	Per Mtr
10	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required.I. In existing trench /duct. a) 6sqmm to 16 sqmm	Rmtr
	b) 25 sqmm to 75 sqmm	Rmtr
11	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB 1-2, P-7)b. In hard Soil	Rmtr
12	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring.I Group A .c) 2.5 sqmm	Per Mtr
13	Supplying and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and shall be mounted on Octogonal pole using necessary bolts, nuts, etc., complete. b) Single Arm Bracket with 1500 mm Standard	Each
14	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class . a. 40 mm	Rmtr
5	Supplying and fixing of HPSV lamps on existing fitting mounted on tubular pole c)250 Watts	No
6	Supplying and fixing/replacement of ignitor suitable for 70 to 400 watts SV/MH fittings a) Group A	No
7	Supply and fixing of 400 Watts heavy duty open construction ferromagnetic copper ballast for HPMH lamps c)250 Watts 1. Group A	No
8	Casting of suitable foundation for the Octagonal Pole including designing and cost of all materials like Anchor plates,Template and washers labour charges, all other incidental charges etc,. complete as per specification and Drawing given in KPWD elect SR 2010-11(P.No 103) Detailed Calculation as per CIVIL SR items Enclosed.	Each
9	Hire Charges Components for Tractor 50 HP ,Sl no 20, Page No XXXIV, KPWD SR CIVIL 2010-11	Day
0	Hire Charges Components for Crane Charges ,Sl no 66, Page No XXXVI, KPWD SR CIVIL 2010-12	Day
1	Supplying and Fixing 4 Nos of 590 mm length High Yield Tensile Cold Rolled Pitched threads (680 N/sq mm) 27 mm Bolt dia	Nos
2	LT 3 phase 5 wire Aerial Bunched Cable of size 3X25+1X16+1X25+1X35 sqmm	P/Mtr
3	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 50 Sq mm + 1X 16 sqmm + 1X 50 Sqmm + 1X 35 sqmm) 2.(3 X95) (for phase Conductor)+ (1X 50)(insulated messanger neutral)+(1X16)(Labour charges 2010-11) Rs 8961/Kmt	P/Mtr
4	Piercing connector suitable 16 Sqmm - 95 Sqmm AB cable service connections	Nos
5	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos
6	suspension clamp assemblly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos
7	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos
8	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos
9	Istallation of insulation piercing connector for main to street light Main: 16 -95 sqmm,Tap: 1.5-10 sqmm (EP 95)	Nos
	Releasing and Refixing of SV: Fixing and wiring as SV/MV light fittings with suitable clamps brackets, lamps bolts and nuts using departmental material Labour charges for releasing of material shall be at 90 % of the cost of erection .Rate of fixing is Rs.306.00 =0.9 X 306.00=275.4Bescom SR Labour Charges Sl.no-120 P.No- 13.15	Set
	TOTAL	
	Since the Quoted Rates are 6.35 % below Grand Total	

rtificate:- 1. The Above said Work has been carriedout satisfactorily
Amount Claimed in this bill has not been claimed in any of the previous bill

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate	Amount	Qty	Cost	
0	0.00	22500	0.33	7425.00	22500	7425.00	
0	0.00	1	7515.00	7515.00	1	7515.00	
0	0.00	3	3865.00	11595.00	3	11595.00	
0	0.00	3	1495.00	4485.00	3	4485.00	
0	0.00	1	3660.00	3660.00	1	3660.00	
0	0.00	3	219.00	657.00	3	657.00	
0	0.00	1	313.00	313.00	1	313.00	
0	0.00	10	240.00	2400.00	10	2400.00	
0	0.00	68	150.00	10200.00	68	10200.00	
0	0.00	24	250.00	6000.00	24	6000.00	
0	0.00	68	8.00	544.00	68	544.00	
0	0.00	24	11.00	264.00	24	264.00	
0	0.00	70	50.00	3500.00	70	3500.00	
0	0.00	89	25.00	2225.00	89	2225.00	
0	0.00	1	2200.00	2200.00	1	2200.00	
0	0.00	4.2	240.00	1008.00	4.2	1008.00	
0	0.00	8	809.00	6472.00	8	6472.00	
0	0.00	8	520.00	4160.00	8	4160.00	
0	0.00	8	1185.00	9480.00	8	9480.00	
0	0.00	8	4929.74	39437.92	8	39437.92	
0	0.00	1	2240.00	2240.00	1	2240.00	
0	0.00	2	3200.00	6400.00	2	6400.00	
0	0.00	8	1350.00	10800.00	8	10800.00	
0	0.00	2950	81.45	240277.50	2950	240277.50	
0	0.00	2950	8.96	26432 26434.95	2950	26432 26434.95	
0	0.00	230	210.00	48300.00	230	48300.00	
0	0.00	6	140.00	840.00	6	840.00	
0	0.00	115	280.00	32200.00	115	32200.00	
0	0.00	115	85.00	9775.00	115	9775.00	
0	0.00	6	85.00	510.00	6	510.00	
0	0.00	230	40.00	9200.00	230	9200.00	
0	0.00	100	581.40	58140.00	100	58140.00	
				568655.42		568655.42	
0	0.00			568658.37		568658.37	3
				36109.81	36109.61	36109.81	36109.61
				532548.56		532548.56	532545.81
				532545.81			
6.35	% as TP						